

VITAL STATISTICS RATES

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| <u>Age-Adjusted Death Rate</u> | = | Total number of expected deaths in a standard population (if the persons in this population had experienced the same age specific death rate as the population being adjusted) X 100,000 Total Standard Population (based on the 2000 U.S. standard population) |
| <u>Age-Specific Birth Rate</u> | = | <u>Number of live births to women in specific age group X 1,000</u> Estimated female population in that age group |
| <u>Age-Specific Death Rate</u> | = | <u>Number of deaths in specific age group X 100,000</u> Estimated population in that age group |
| <u>Cause-Specific Death Rate</u> | = | <u>Number of deaths from a specific cause X 100,000</u> Estimated total population |
| <u>Crude Birth Rate</u> | = | <u>Number of live births X 1,000</u> Estimated total population |
| <u>Crude Death Rate</u> | = | <u>Number of deaths X 1,000</u> Estimated total population |
| <u>Divorce Rate</u> | = | <u>Number of divorces and annulments X 1,000</u> Estimated total population |
| <u>Fertility Rate</u> | = | <u>Number of live births X 1,000</u> Female population 15-44 years of age |

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| <u>Infant Mortality Rate</u> | = | $\frac{\text{Number of deaths under 1 year of age} \times 1,000}{\text{Total number of live births}}$ |
| <u>Low Weight Birth Rate</u> | = | $\frac{\text{Number of live births weighing less than 2,500 grams} \times 100}{\text{Total number of live births}}$ |
| <u>Marriage Rate</u> | = | $\frac{\text{Number of marriages} \times 1,000}{\text{Estimated total population}}$ |
| <u>Maternal Death Rate</u> | = | $\frac{\text{Number of deaths due to complications of pregnancy and childbirth} \times 10,000}{\text{Total number of live births}}$ |
| <u>Neonatal Death Rate</u> | = | $\frac{\text{Number of deaths under 28 days of age} \times 1,000}{\text{Total number of live births}}$ |
| <u>Perinatal Death Rate</u> | = | $\frac{\text{Number of stillbirths and deaths under 1 week} \times 1,000}{\text{Total number of births}}$ |
| <u>Stillbirth Rate</u> | = | $\frac{\text{Number of stillbirths} \times 1,000}{\text{Total number of live births}}$ |
| <u>Unmarried Birth Rate</u> | = | $\frac{\text{Number of births to unmarried women} \times 1,000}{\text{Total number of live births}}$ |